CLAIMS

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- An illuminated sign comprising:
 - a housing, said housing having a first side panel with indicia;
- a first light engine, said first light engine comprising at least one LED and a carrier,

wherein said first light engine is mounted such that light emitted by said at least one LED illuminates said first side panel.

- 2. The sign of claim 1, wherein the sign is a street sign and the indicia comprise a street name.
 - 3. The illuminated sign of claim 1 wherein the light engine is mounted at an angle from vertical.
- 15 4. The illuminated sign of claim 3 wherein the light engines are mounted about 33° 45° from vertical.
 - 5. The illuminated sign of claim 4 wherein the light engine is mounted about 39° from vertical.
 - 6. The illuminated sign of claim 1 wherein the first light engine further comprises a reflector.
- 7. The illuminated sign of claim 6 wherein the reflector has at least one aperature, said aperature aligned with said at least one LED.
 - 8. The illuminated sign of claim 1 further comprising an additional reflector mounted at the base of the housing.
- 9. The illuminated sign of claim 8 wherein said additional reflector is adapted to direct light from said at least one LED to said first side panel with indicia.
 - 10. The sign of claim 1, wherein

said housing further comprises a top portion, a bottom portion, a second side panel and two end plates,

said top portion, bottom portion, side panels, and end plates define a space having an interior, and said at least one LED is located on the interior of said housing.

- 11. The sign of claim 2 wherein said at least one side panels with indicia comprises a diffuser.
- 12. The sign of claim 1 wherein said at least one LED is soldered on a PCB.

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- 13. The sign of claim 12 wherein the at least one LED is soldered on a metal core PCB.
- 14. The sign of claim 1 wherein said light engine comprises a second PCB soldered to at least one LED and said PCBs are slidably mounted in the carrier and are connected by a connector.
 - 15. The sign of claim 12, wherein the light engine further comprises a heat sink.
- 15 16. The sign of claim 15, wherein the carrier has a contoured projection, said contoured projection adapted to contact said housing.
 - 17. The sign of claim 15, wherein heat is transferred by heat conduction to the heat sink.
 - 18. The sign of claim 1 wherein the light that illuminates a side panel is substantially uniform.
- The illuminated sign of claim 1 further comprising
 a second light engine, said second light engine comprising a carrier and at least one LED; and
 - said housing having a second side panel with indicia, wherein said second light engine is mounted such that light emitted by said at least one LED illuminates said second side panel.
 - 20. The illuminated sign of claim 19 wherein the light engines are mounted at angle from vertical.
- 21. The illuminated sign of claim 20 wherein the light engines are mounted about 33°
 45° from vertical.
 - 22. The illuminated sign of claim 4 wherein the light engines are mounted about 39° from vertical.

- 23. The illuminated sign of claim 19 wherein the first light engine further comprises a reflector and a second light engine further comprises a reflector.
- 5 24. The illuminated sign of claim 23 wherein the reflectors each have at least one aperature, said aperature aligned with said at least one LED.
 - 25. The illuminated sign of claim 19 further comprising an additional reflector mounted at the base of the housing.
 - 26. The illuminated sign of claim 25 wherein said additional reflector is adapted to direct light to said side panels.
- 27. The illuminated sign of claim 26 wherein said additional reflector has a first and second planar surface, angled more than 180° wherein said first surface is adapted to direct light to said first side panel and said second surface is adapted to direct light to said second side panel.
 - An illuminated sign comprising:a housing, said housing having two side panels; anda pair of light engines each comprising at least one LED, a carrier and a reflector;
 - 29. A carrier for a light engine comprising:

wherein said LEDs illuminate said side panels.

25 a mounting surface and an optic surface;

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said mounting surface having a first support arm, a second support arm and a contoured projection extending longitudinally; and

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said optic surface having a central channel; and a pair of sidewalls, wherein said contoured projection is adapted to contact a housing.

- 30. The carrier of claim 36, wherein the carrier is made of extruded aluminum.
- 31. The carrier of claim 36, wherein the first and second pairs of optic tracks are adapted to slidably mount a PCB with at least one LED in the tracks.
- 32. The carrier of claim 40, further comprising a reflector.

33.	The illuminated sign of claim 6 wherein the reflector has at least one aperature,
said a	perature aligned with said at least one LED.
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